Title (en)

PGA Type IC Socket

Title (de)

Gitterstiftsockel für integrierte Schaltung

Title (fr)

Support de matrice de broches pour circuit intégré

Publication

EP 1548888 A1 20050629 (EN)

Application

EP 04106816 A 20041221

Priority

- JP 2003432374 A 20031226
- JP 2004328410 A 20041112

Abstract (en)

A PGA type IC socket (1), in which socket contacts (22) are arranged at high density, and that performs positioning of an IC package without inhibiting the high density arrangement of the socket contacts (22). The PGA type IC socket is constituted by a plurality of socket contacts (22) for contacting a plurality of lead pins (52) of an electrical device; a socket housing (2), in which a plurality of cavities (54) for housing the socket contacts (22) are arranged in a matrix; and a drive portion (6) for moving the lead pins (52). Each of the socket contacts (22) has a pair of narrowly spaced elastic contact pieces (60) for contacting a lead pin (52). Cutouts (78), which are open toward the electrical device, are formed in walls (70) of the cavities (54), such that cavities (54) which are adjacent in the direction perpendicular to the lead pins (52) are in communication with each other. <IMAGE>

IPC 1-7

H01R 12/16; H01R 13/193; H05K 7/10

IPC 8 full level

H01R 33/76 (2006.01); **H01R 13/193** (2006.01); **H05K 7/10** (2006.01)

CPC (source: EP KR US)

H01R 12/89 (2013.01 - EP US); **H01R 13/193** (2013.01 - US); **H01R 33/76** (2013.01 - KR); **H05K 7/1084** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1548888 A1 20050629; **EP 1548888 B1 20071031**; CN 100474710 C 20090401; CN 1638209 A 20050713; DE 602004009750 D1 20071213; DE 602004009750 T2 20080828; JP 2005209617 A 20050804; JP 4551189 B2 20100922; KR 20050067065 A 20050630; TW M270553 U 20050711; US 2005142920 A1 20050630; US 7175462 B2 20070213

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EP 04106816 A 20041221; CN 200410061595 A 20041224; DE 602004009750 T 20041221; JP 2004328410 A 20041112; KR 20040111996 A 20041224; TW 93220551 U 20041221; US 1802604 A 20041221